



JOB DESCRIPTION

Position Title: **Senior Engineer**

Working Area: **Water & Sewer**

Class Code: 5313

Exempt

EEO Code: 02

Effective Date: August 30, 2002

Major Function

Professional work involving the review, analysis, recommendation and implementation of programs or modifications to create department efficiencies in work order and inventory systems, staffing, performance standards and special projects.

Essential Functions

Note: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is a logical assignment to the position.

Assists in the implementation of work order systems, inventory systems and special projects.

Performs systems analysis and evaluation concerning maintenance support and staffing with the division.

Performs personnel efficiency and effectiveness analysis. Implements performance standards and analyses costs. Prepares justifications for operating capital equipment and reviews budgetary inputs.

Implements computerized applications and database analysis for division.

Performs value engineering analysis and ergonomic studies and improvements. Performs on-site inspections and assists in making recommendations for corrective actions.

Coordinates engineering issues with other departments, divisions, outside agencies, and makes recommendations to bring about consistency with established codes and regulations.

Represents the Division and Environmental Services Department at various meetings and conferences and on local technical and advisory committees.

Performs other duties as assigned or as may be necessary.



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Minimum Qualifications

Extensive knowledge of the principles and practices of engineering as applied to industrial management. A through knowledge of environmental engineering, industrial engineering and water and sewer utility operations.

Ability to make effective oral presentations, prepare clear and effective technical reports and correspondence. Ability to establish and maintain effective working relationships with county staff, managers and the general public.

Skilled in the use of microcomputers with various programs for engineering analysis, database management, document preparation and general information management.

Bachelor's Degree in Civil or Environmental Engineering and three years responsible engineering experience in the supervision, administration, or management of engineering design projects. Registration as a professional engineer in the State of Florida is preferred.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

Working Conditions

The work environment for this position is generally an office setting with some fieldwork. Most duties are performed while sitting at a desk, table or workstation. This position may require the incumbent to perform duties requiring prolonged standing, sitting, and walking.